

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	sakamoto.in. and (speaker near20 detect \$3) and microphone and "5.1" and surround	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/04/26 21:28
L3	0	sakamoto.in. and (4speaker\$1) and microphone and (surround near10 "5.1")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/04/26 21:30
L4	0	sakamoto.in. and (\$4speaker\$1) and microphone and (surround near10 "5.1")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/04/26 21:30
L5	1	("20080240474").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/26 21:31
L6	0	L5 and (surround near10 "5.1")	US-PGPUB; USPAT	OR	OFF	2009/04/26 21:31
S3	13	sakamoto.in. and (speaker near20 detect \$3) and microphone	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/09 11:17
S4	9	morita.in. and (speaker near20 detect\$3) and microphone	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/09 11:18
S5	1	nonaka.in. and (speaker near20 detect\$3) and microphone	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/09 11:18
S7	2753	"381"/\$.ccls. and (\$4speaker near20 (locat \$3 detect\$3)) and microphone\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/09 11:20

S8	1330	"381"/\$.ccls. and (\$4speaker near20 (locat \$3 detect\$3)) near20 microphone\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/09 11:21
S9	25	"381"/\$.ccls. and (\$4speaker near20 (locat \$3 detect\$3)) near20 microphone\$1 and (allocat\$ near20 output)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/09 11:21
S10	4	("4638287"   "4965833"   "6363156"   "6535609").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/09 11:23
S11	15	maeda.in,. and channel near20 arrang\$3 near20 device	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/11 11:22
S12	15	maeda.in. and channel near20 arrang\$3 near20 device	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/11 11:22
S13	26	pioneer.AS. and (speaker near20 detect\$3) and microphone	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/11 11:32
S14	1448	(381/300-309).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/11 15:26
S15	80	"381"/\$.ccls. and "381"/\$.ccls. and (\$4speaker near20 (locat\$3 detect \$3)) near20 (chang\$2 different) near20 (sensor \$1 microphone\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/11 15:27
S16	80	"381"/\$.ccls. and (\$4speaker near20 (locat \$3 detect\$3)) near20 (chang\$2 different) near20 (sensor\$1 microphone\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/11 15:27

S17	439	(381/59).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/04/14 13:43
S18	3	("5771297"   "5815580"   "5953431").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/14 14:05
S19	1683	(381/56-58).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/04/14 14:17
S20	12	"381"/\$.ccls. and (chang \$3 modify\$3 alter\$3) near10 (allot\$3 grant\$3 portion\$3 distribut\$3 allocat\$3) near10 output near10 signals	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/04/14 14:44
S21	8	"381"/\$.ccls. and (allot\$3 grant\$3 portion\$3 distribut\$3 allocat\$3) near20 output near20 signals near20 (center near5 \$4speaker)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/04/14 15:47
S22	96	"381"/\$.ccls. and ((allot \$3 grant\$3 portion\$3 distribut\$3 allocat\$3) near10 output near10 signals) and (center near5 \$4speaker)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/04/14 15:49
S23	519	"381"/\$.ccls. and ((allot \$3 grant\$3 portion\$3 distribut\$3 allocat\$3) near10 output\$1 near10 \$4speaker\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/04/14 15:59
S24	2	"381"/\$.ccls. and ((reallot \$3 regrant\$3 reportion\$3 redistribut\$3 reallocat\$3) near10 output\$1 near10 \$4speaker\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/04/17 09:07
S25	1901	(381/1,17,18).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/04/22 18:22

S26	2839	(381/102-109).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/04/22 18:22
S27	3637	(381/56-59,300-310). CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/04/22 18:25

**4/ 26/ 2009 9:33:35 PM**

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